Automated Configuration Management System (ACMS)

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Purpose of Briefing

- To present information, results and next steps for ACMS

- To confirm that the direction that ACMS is taking is in line with the direction AMCRDA is taking.

Current Army Environment

Facts

➤ Army legacy Product Data is primarily stored in "unintelligent" raster format

➤ Contractors are developing "intelligent" data that cannot be managed by TD/CMS

➤ TD/CMS can't manage multiple product baselines

➤ CITIS implementations tend to be program unique

Resulting Problems

➤ Forces new producers to "re-invent" lost data intelligence - geometry and metadata

➤ Army incurs additional cost for conversion of data to raster format

➤ Depots must rely on other unofficial data sources to support repair and modifications

➤ Automation is expensive and provides little interoperability

Analysis

- Army does not do all aspects of CM as well as it should. Current automated system (TD/CMS) can't handle all user needs.

- Army must switch from a "drawing" to "product data" perspective.

- Army must provide access to all product data required (not just the two dimensional images of record) to support a product throughout its life cycle.

- Complete life cycle access to product data is only possible if the Army practices cradle to grave configuration management of product data.

Task

MG Beauchamp, AMC DCS RDA, tasked the Engineering Data Management Systems (EDMS) Functional Coordinating Group (FCG) to prepare a Performance Specification for an Army standard automated configuration management system that would meet the Army's current and future needs.

Results

- ■ Established multi-MSC Task Force
- ■ Developed ACMS Vision and CONOPS
- ■ Identified how CM process could be re-engineered to make effective use of automation
- ■ Reached final step for initial version of ACMS Performance Specification
  - One more meeting planned for 5 - 6 May, AMCOM
- ■ Begun effort to build "customer" support
  - Briefed Army Paperless Office IPT
  - Briefed DoD Logistics Community Manager
  - Will brief at the Army Acquisition Community Information Management User Group Conference, 14 -16 April 98

Next Steps

- Plan the implementation of ACMS
  - Acquisition
  - Deployment
  - Support
- Build "customer" and "stakeholder" support
  - Potential Briefings to
    - Dr. Fallin, SARDA (PA&E) (Steve French has informally requested)
    - Mr. Mills, PA for Logistics, AMC
    - GCSS-A
    - Virtual IMMC
    - PEO/PM and MSC Commanders Conferences
  - Improving the Performance Specification
    - Formally coordinating with Army PM and Logistics communities
    - Formally coordinate with OSD, DLA and other Services

Next Steps

- Develop economic impacts
  - Quantify economic impact associated with problems in the current Army environment
  - Perform FEA/COEA to quantify costs and benefits of ACMS
- Reduce Implementation Risk
  - Demonstrate the use of standard CITIS interface (MIL STD 2549)
  - Establish test bed for ACMS
- Obtain Resources to accomplish the above

What you can do for us today

- Agree to attend the final ACMS Task Force meeting
  - More detailed description of ACMS
  - Dialogue between AMC and MSC concerning ACMS implementation strategies
- Agree that AMC should brief Dr. Fallin, SARDA (PA&E), on ACMS